



# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application No.	10/525,122
Filing Date	February 18, 2005
First Named Inventor	Sang-In Lee, et al.
Examiner Name	To be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	A-71721/MSS (463035-814)

Total Number of Pages in This Submission

25

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application) (11 pgs.)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached - check for \$2,280.00	<input type="checkbox"/> Drawing(s) ( Figs. ____ ) and Cover Sheet to Draftsperson	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input checked="" type="checkbox"/> Petition for Extension of Time - 5 Months (1 pg.)	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Executed Power of Attorney (1 pg.)	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Copy of Notice to File Missing Parts mailed August 16, 2005 (2 pgs.), check no. <u>200320</u> in the amount of <u>\$2,280.00</u> , and self-addressed stamped Postcard.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, No. of CD(s) ____	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.53(b) (9 pgs. in counterparts)		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Maria S. Swiatek, Esq., Reg. No. 37,244 DORSEY & WHITNEY LLP 555 California Street, Suite 1000 San Francisco, CA 94104-1513 Telephone: 650-857-1717 Facsimile: 650-857-1288	Customer Number 32940
Signature		
Date	March 16, 2006	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with Sufficient postage as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

03/16/06

Typed or printed name	Kari Bateman Aguiar		
Signature		Date	March 16, 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.

10/525,122

FIRST NAMED APPLICANT

Sang-In Lee

ATTY. DOCKET NO.

A-71721/MSS (463035-814)

INTERNATIONAL APPLICATION NO.

PCT/US03/25739

LA. FILING DATE

08/18/2003

PRIORITY DATE

08/18/2002

DORSEY &amp; WHITNEY LLP

555 CALIFORNIA STREET, SUITE 1000

SUITE 1000

SAN FRANCISCO, CA 94104

File A-71721 Atty MSSDue Date 10/16/05 (K)Type Missing Parts Refs \_\_\_\_\_

Date Mailed: 08/16/2005

CONFIRMATION NO. 2947  
371 FORMALITIES LETTER  
\*OC000000016784951\*  
\*OC000000016784951\*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/18/2005
- Copy of the International Search Report filed on 02/18/2005
- Request for Immediate Examination filed on 02/18/2005
- U.S. Basic National Fees filed on 02/18/2005
- Priority Documents filed on 02/18/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

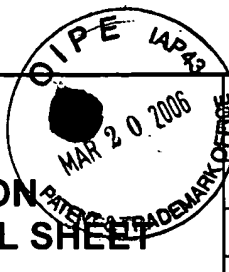
CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/525,122	PCT/US03/25739	A-71721/MSS (463035-814)

FORM PCT/DO/EO/905 (371 Formalities Notice)



Rec'd PCT/PTO 20 MAR 2006  
Completed if Known

**APPLICATION  
FEE TRANSMITTAL SHEET  
(FY 2005)**

Application No.	10/525,122
Filing Date	February 18, 2005
First Named Inventor	Sang-In Lee, et al.
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Atty. Docket Number	A-71721/MSS (463035-814)

**METHOD OF PAYMENT (Check One)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
Deposit Account No.: 50-2319  
Deposit Account Name: DORSEY & WHITNEY LLP  
☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 to:  
Deposit Account No.: 50-2319  
Deposit Account Name: DORSEY & WHITNEY LLP  
☐ Applicant claims small entity status (see 37 C.F.R. 1.27)
2. ☒ Check Enclosed in the amount of \$1,190.00

**FEE CALCULATION (Continued)**

**3. ADDITIONAL FEES**

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	
130	65	Surcharge - Late non-provisional filing fee or oath	\$120.00
180	180	Submission of IDS	
40	40	Recording each patent assignment per property (times number of properties)	\$40.00
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	
1,020	510	Extension for reply within third month	
1,590	795	Extension for reply within fourth month	
2,160	1,080	Extension for reply within fifth month	\$2,160.00
770	385	Submission After Final 1.129	
330	165	Notice of Appeal	
330	165	Filing a brief in support of an appeal	
290	145	Request for oral hearing	
110	55	Terminal Disclaimer Fee	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
1,330	665	Utility/Reissue Issue Fee (including advance copies)	
480	240	Design Issue Fee (inc. advance copies)	
770	385	Request for Continued Examination (RCE)	
300	300	Publication fee for early, voluntary, or normal publication	
300	300	Publication fee for re-publication	
110	55	Petition to Revive - unavoidable	
1,330	665	Petition to Revive - unintentional	
OTHER FEE (specify): Additional Claim Fee			
Subtotal (3)			\$2,320.00
Total Amount of Payment:			\$2,320.00

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity Fee	Small Entity Fee	Fee Description
160	80	<input type="checkbox"/> Provisional Filing Fee
790	395	<input type="checkbox"/> Utility Filing Fee
350	175	<input type="checkbox"/> Design Filing Fee
790	395	<input type="checkbox"/> Reissue Filing Fee
		Subtotal (1) 10525122

**2. EXTRA CLAIM FEES**

Number Claims	Prior	Extra	Fee from Below*	Fee Paid
Total	-	=	x	=
Indep.	-	=	x	=
Multiple Dependent Claims	=	x	=	=
Subtotal (2)				

**\*Calculation of Extra Claim Fees**

Large Entity Fee	Small Entity Fee	Fee Description
50	25	Claims in excess of 20
200	100	Independent claims in excess of 3
360	180	Multiple dependent Claim
200	100	Reissue independent claims over original patent
50	25	Reissue claims in excess of 20 and over original patent

**Submitted by:**

Name: Maria S. Swiatek, Reg. No. 37,244	Telephone: (650) 857-1717
DORSEY & WHITNEY LLP	555 California Street, Suite 1000 San Francisco, California 94104-1513
Signature: <i>Maria Swiatek</i>	Customer Number 32940
	Date: March 16, 2006



Rec'd PCT/PTO 20 MAR 2006

#4

PATENT  
Attorney Docket No. A-71721/MSS  
Dorsey File No. 463035-814

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Sang-In Lee, et al.

Serial No. 10/525,122

Filed: February 18, 2005

For: *Atomic Layer Deposition of High-k Metal Silicates*

Art Unit: To Be Assigned

Examiner: To Be Assigned

Confirmation No. 2947

Dated: March 16, 2006

Mail Stop MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION FOR EXTENSION OF PERIOD FOR RESPONSE**

Dear Sir:

Pursuant to 37 C.F.R. § 1.136(a), Applicant hereby petitions for an extension of five (5) months within which to respond to the Notice to File Missing Parts of Nonprovisional Application mailed August 16, 2005, bringing the period for response to March 16, 2006. The extension fee of \$2,160.00 and the Missing Parts fee of \$120.00 for a Large Entity is included in the Fee Transmittal Sheet. Please charge any additional fees or credit any overpayment to our Deposit Account No. 50-2319 (Order No. A-71721/MSS (463035-814)).

Respectfully submitted,

DORSEY & WHITNEY LLP

Date: March 16, 2006

By: Maria S. Swiatek  
Maria S. Swiatek, Reg. No. 37, 244

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03/28/2006 GFREY1 00000146 502319 10525122  
02 FC:2255 2160.00 QP